

BAKER BOTTS LLP

THE WARNER
1299 PENNSYLVANIA AVE., NW
WASHINGTON, DC
20004-2400
202.639.7700
FAX 202.639.7890

AUSTIN
BAKU
DALLAS
HOUSTON
LONDON
MOSCOW
NEW YORK
RIYADH
WASHINGTON

September 10, 2003

UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket Number: 070198.0499

First Named Inventor: Tatsuhiko Fujihara

Title: Semiconductor Device With Alternating Conductivity Type Layer And Method Of Manufacturing The Same

TO: **BOX PATENT APPLICATION**
Commissioner for Patents
Washington, D.C. 20231

Sir:

Attached are the following for filing with the U.S. Patent and Trademark Office:

1. Fee Transmittal Form
2. Specification - Total Pages: 40 (Including Abstract)

03945 U.S. PRO
09/10/658780
09/10/03

CLAIMS AS FILED						
	Claims Filed	Basic Fee Claims	Extra	Rate		Amount
				Large Entity	Small Entity	
Total Claims	26	20		\$ 18.00	\$ 9.00	\$ 0.00
Independent Claims	2	3		\$ 84.00	\$ 42.00	\$ 0.00
First Presentation of Multiple Dependent Claims				\$ 280.00	\$ 140.00	\$ 0.00
BASIC FEE				\$ 750.00	\$ 375.00	\$ 750.00
TOTAL FILING FEE						\$ 750.00

3. Drawings - Total Sheets: 16 (Fig(s). 1-20)
4. Oath or Declaration - Total Pages: 3
 - a. Newly executed (original or copy)
 New (unexecuted)
 - b. Copy from a prior application
(for continuation/divisional with Box 17 completed)
 - i. DELETION OF INVENTOR(s):
Signed statement attached deleting inventor(s) named in prior application.

Commissioner for Patents

September 10, 2003

Page 2

5. Incorporation By Reference (useable if Box 4b is marked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. Microfiche Computer Program (Appendix)

7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
a. Computer Readable Copy
b. Paper Copy (identical to computer copy)
c. Statement verifying identity of above copies

8. Assignment and Assignment Recordation Form

9. 37 C.F.R. 3.73(b) Statement Power of Attorney

10. English Translation Document (if applicable)

11. Information Disclosure Statement with PTO-1449 and References
 Copies of Information Disclosure Statement Citations

12. Preliminary Amendment

13. Return Receipt Postcard

14. Small Entity Statement(s) Independent Inventor
 Small Business Concern
 Non-Profit Organization
 Statement Filed in Prior Application; Status Still Proper and Desired

15. Foreign Priority is Claimed as Follows:

If Foreign Priority is Claimed, Certified Copy of the Above Priority Document(s) is Submitted Herewith

16. Other: Application Data Sheet _____

17. Continuation Divisional Continuation-in-Part of
Prior Application No.: 09/348,915 filed July 7, 1999 _____

Complete Application Based on Provisional Application No.: _____
filed _____

Commissioner for Patents
September 10, 2003
Page 3

18. A new power of attorney or authorization of agent (PTO/SB/81) is as follows:

The power of attorney is to: Dana M. Raymond, Reg. No. 18,540; Frederick C. Carver, Reg. No. 17,021; Francis J. Hone, Reg. No. 18,662; Joseph D. Garon, Reg. No. 20,420; Arthur S. Tenser, Reg. No. 18,839; Ronald B. Hildreth, Reg. No. 19,498; Thomas R. Nesbitt, Jr., Reg. No. 22,075; Robert Neuner, Reg. No. 24,316; Richard G. Berkley, Reg. No. 25,465; Richard S. Clark, Reg. No. 26,154; Bradley B. Geist, Reg. No. 27,551; James J. Maune, Reg. No. 26,946; John D. Murnane, Reg. No. 29,836; Henry Tang, Reg. No. 29,705; Robert C. Scheinfeld, Reg. No. 31,300; John A. Fogarty, Jr., Reg. No. 22,348; Louis S. Sorell, Reg. No. 32,439; Rochelle K. Seide, Reg. No. 32,300; Gary M. Butter, Reg. No. 33,841; Marta E. Delsignore, Reg. No. 32,689; and Lisa B. Kole, Reg. No. 35,225.

Please remove as power of attorney:

Please add as power of attorney: Raul A. Ragusa, Reg. No. 38,587 and Timothy J. Churna, Reg. No. 48,340

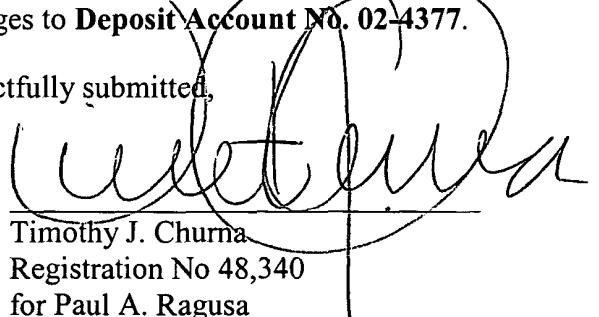
19. Please address all correspondence to: **21003**

20. A check in the amount of \$ _____ is enclosed. In the event any variance exists between the amount enclosed and the Patent Office charges, please charge or credit any such variance to Deposit Account No. 02-0375.

The Commissioner is hereby authorized to charge any variance between the amount enclosed and the Patent Office charges to **Deposit Account No. 02-4377**.

Respectfully submitted,

By:


Timothy J. Churna
Registration No 48,340
for Paul A. Ragusa
Registration No. 38, 587
Attorney for Applicant
Telephone No. (212) 408-2588

PAR/TJC/dh

Enclosures

17224
U.S. PTO
09/10/03

FEE TRANSMITTAL [BOX PATENT APPLICATION]		Complete If Known					
		Application No.	To be assigned				
		Filing Date	September 9, 2003				
		First Named Inventor	Tatsuhiko Fujihara				
		Examiner Name	To be assigned				
		Group Art Unit	To be assigned				
Total Amount Of Payment (\$)	750.00	Attorney Docket No.	070198.0499				
METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)					
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to Deposit Account No. 02-4377 in the name of Baker Botts L.L.P. <input type="checkbox"/> Charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 to Deposit Account No. 02-4377 .		3. ADDITIONAL FEES Fee Description Fee Paid <input type="checkbox"/> Surcharge - late filing fee or oath \$ <input type="checkbox"/> Surcharge - late provisional filing fee or cover sheet \$ <input type="checkbox"/> Extension for reply with 1 month \$ <input type="checkbox"/> Notice of Appeal \$ <input type="checkbox"/> Filing Brief in Support of Appeal \$ <input type="checkbox"/> Request for Oral Hearing \$ <input type="checkbox"/> Utility Issue Fee (or reissue) \$ <input type="checkbox"/> Design Issue Fee \$ <input type="checkbox"/> Plant Issue Fee \$ <input type="checkbox"/> Petitions to Commissioner \$ <input type="checkbox"/> Petition to Revive (unavoidable) \$ <input type="checkbox"/> Petition to Revive (unintentional) \$ <input type="checkbox"/> Petitions Related to Provisional Applications \$ <input type="checkbox"/> Submission of Information Disclosure Statement \$ <input type="checkbox"/> Filing Submission After Final Rejection \$ <input type="checkbox"/> Recordation of Assignment \$ <input type="checkbox"/> Filing Request for Reexamination \$ <input type="checkbox"/> Other (specify) _____ \$					
2. <input type="checkbox"/> Check Enclosed. The Commissioner is hereby authorized to charge any variance between the amount enclosed and the Patent Office charges to Deposit Account No. 02-4377 in the name of Baker Botts L.L.P., 30 Rockefeller Plaza, New York, NY 10112-4498.							
FEE CALCULATION							
1. BASIC FILING FEE <input checked="" type="checkbox"/> Large Entity <input type="checkbox"/> Small Entity		Fee Paid Utility Filing Fee \$ Design Filing Fee \$ Plant Filing Fee \$ Reissue Filing Fee \$ Provisional Filing Fee \$					
2. EXTRA CLAIMS FEES CLAIMS AS AMENDED							
For	Number Present	Highest Number Paid For	Extra	Rate		Amount	
				Large Entity	Small Entity		
TOTAL CLAIMS	26	20		x \$ 18.00	x \$ 9.00	\$0.00	
INDEPENDENT CLAIMS	2	3		x \$ 84.00	x \$ 42.00	\$0.00	
MULTIPLE DEPENDENT CLAIMS				\$ 280.00	\$ 140.00	\$0.00	
TOTAL EXTRA CLAIMS FEES						\$0.00	
SUBMITTED BY				Complete (if applicable)			
Typed or Printed Name (Timothy J. Churna)				Registration No.		48,340	
Signature (<i>[Signature]</i>)				Date	9/10/03	Deposit Account User ID	02-4377